



Janet Napolitano
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Stephen A. Owens
Director

NOTICE OF PROPOSED ACTION by the

Arizona Department of Environmental Quality (ADEQ) on an application for an Arizona Pollutant Discharge Elimination System (AZPDES) Permit to discharge pollutants to Waters of the United States. ADEQ is issuing this notice of proposed action under the Clean Water Act (CWA) and in accordance with Arizona Administrative Code (A.A.C.) R18-9-A907.

The Director proposes to issue an AZPDES permit to discharge to the following applicant, subject to certain effluent limitations and special conditions:

Public Notice No. 58-08AZ

Publication Date: 1/21/09

AZPDES Permit No. AZ0024716
City of Cottonwood
Cottonwood Wastewater Treatment Plant
1490 W. Mingus Ave.
Cottonwood, AZ 86326

City of Cottonwood has applied for a renewal AZPDES permit for the discharge of up to 1.5 million gallons per day (mgd) of effluent from the Cottonwood Wastewater Treatment Plant (WWTP) that serves the City of Cottonwood in Yavapai County, Arizona. Effluent is discharged into Del Monte Wash, a tributary of the Verde River in the Verde River Basin. The primary point of discharge will be in T16N, R3E, Section 32 SE, approximately 1.5 miles southwest of the confluence with the Verde River. A secondary discharge point, located at T16N, R3E, Section 33 SW is available, but seldom used. Wastewater will be domestic in nature, with no industrial component. Treatment consists of screening, activated sludge processes with nitrification and denitrification, clarification, sand bed filtration and ultra violet (UV) disinfection. Sludge will be disposed of at an approved landfill. Pursuant to A.A.C. R18-11 Article 1, Appendix B, effluent limitations in the permit are based on the designated uses of aquatic and wildlife (effluent dependent water) (A&Wedw) and partial body contact (PBC). Effluent will be monitored and limited for biochemical oxygen demand (BOD), total suspended solids (TSS), *E. Coli*, total residual chlorine (TRC), pH, cadmium, chromium VI, selenium, silver, total nitrogen, and total phosphorus. Chronic whole effluent toxicity (WET) testing will be required once every 6 months to assist in determining whether synergistic effects of monitored or non-monitored parameters are occurring. A variance has been proposed for Verde River nitrogen and phosphorous standards. Monitoring of the distance effluent flows in Del Monte Wash is required and a mixing zone (with in-stream monitoring requirements) is proposed for the nitrogen and phosphorous standards in the Verde River in the event discharges from the WWTP reach the Verde River.

With 24 hour notice, the draft permit and related documentation is available for public review Monday through Friday from 8:30 a.m. to 4:30 p.m. at the ADEQ Phoenix office. To review the file, contact the Records Management Center, 24 hours in advance at (602) 771- 4380. A copy of the pertinent documents may also be obtained by calling or writing ADEQ as follows.

Persons may submit comments or request a public hearing on the proposed action, in writing, to:

Northern Regional Office
1801 West Route 66 • Suite 117 • Flagstaff, AZ 86001
(928) 779-0313

Southern Regional Office
400 West Congress Street • Suite 433 • Tucson, AZ 85701
(520) 628-6733

Samira Mirtalaei
Arizona Department of Environmental Quality Water Quality Division
1110 W. Washington – 5415A-1
Phoenix, AZ 85007
Telephone: 602-771-4678

All written comments received by ADEQ by the close of business on the date 30 days after publication of this notice will be considered in the final permit decision. Requests for a hearing must be in writing and must state the issues proposed to be raised in a hearing. If there is a significant degree of public interest, the Director will hold a hearing in accordance with A.A.C. R18-9-908(B). Additional notice of such hearing would be published at least 30 days prior to the hearing date.

Please bring the foregoing notice to the attention of all persons you know would be interested in this matter.